



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

7590 09/19/2008

Lisa Benado
Blakely Sokoloff Taylor & Zafman LLP
12400 Wilshire Boulevard
Seventh Floor
Los Angeles, CA 90025-1026

EXAMINER

CHUONG, TRUC T

ART UNIT

PAPER NUMBER

2179

DATE MAILED: 09/19/2008

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

09/680,105

10/04/2000

Glenn Reid

004860.P2471

8214

TITLE OF INVENTION: UNIFIED CAPTURE AND PROCESS INTERFACE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1440	\$0	\$0	\$1440	12/19/2008

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

**Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax (571)-273-2885**

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

7590

09/19/2008

Lisa Benado
Blakely Sokoloff Taylor & Zafman LLP
12400 Wilshire Boulevard
Seventh Floor
Los Angeles, CA 90025-1026

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/680,105	10/04/2000	Glenn Reid	004860.P2471	8214

TITLE OF INVENTION: UNIFIED CAPTURE AND PROCESS INTERFACE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1440	\$0	\$0	\$1440	12/19/2008

EXAMINER	ART UNIT	CLASS-SUBCLASS
CHUONG, TRUC T	2179	345-723000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, 1 _____
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 2 _____
- 3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) : ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☐ Issue Fee
- ☐ Publication Fee (No small entity discount permitted)
- ☐ Advance Order - # of Copies _____

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

- ☐ A check is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature _____

Date _____

Typed or printed name _____

Registration No. _____

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

09/680,105

10/04/2000

Glenn Reid

004860.P2471

8214

7590

09/19/2008

Lisa Benado
Blakely Sokoloff Taylor & Zafman LLP
12400 Wilshire Boulevard
Seventh Floor
Los Angeles, CA 90025-1026

EXAMINER

CHUONG, TRUC T

ART UNIT

PAPER NUMBER

2179

DATE MAILED: 09/19/2008

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 404 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 404 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

Notice of Allowability

Application No.

09/680,105

Examiner

TRUC T. CHUONG

Applicant(s)

REID, GLENN

Art Unit

2179

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 05/12/08.
2. ☒ The allowed claim(s) is/are 1-4, 6-14, 16-23, 25-31, 33-40, 42-45, 47-50, 52-55, 57, 59-61, 63-65, 67-69, 71-73, 75-76, 78-79, and 81-89.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

EXAMINER'S AMENDMENT

1. Applicants' Attorney, Ms. Tatiana Rossin and Examiner discussed and agreed to amend and cancel to the current claims in the phone interview on Tuesday, September 9 and 12, 2008, and the Applicant gives the Examiner permission to correct the issue on Examiner's Amendment. The Examiner's Amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

2. Claims should be amended and canceled as follows:

1. (Currently Amended) A method for collecting a time based stream of information in a processing system for generating a presentation, the method comprising:

A) communicating with an information source having a time based stream of information;

B) presenting capture information from the time based stream of information on a portion of a first interface on a display while the capture information is acquired from the information source in a capture mode, the capture mode to import the time based stream of information into the system, wherein the capture information is displayed at a first rate that is substantially the same as a transfer rate at which the time based stream of information arrives from the information source by an automatic interrupt procedure that includes copying the time based

Art Unit: 2179

information that arrives from the information source to a proxy, wherein the interrupt procedure repeats at a second rate that is not less than the transfer rate 30 frames per second at which the time based stream of information arrives from the information source;

and

C) presenting on the first interface on the display at least one enabled edit-control element, which ~~is to control~~ directly causes editing of the time based stream of information, the presenting of the at least one enabled edit control element being performed concurrently while presenting the capture information from the time based stream of information that is ~~currently~~ concurrently being imported into the system on the first interface ~~without being edited~~.

2. (Previously Presented) The method of claim 1, further including capturing the time based stream of information from the information source and presenting process information associated with the time based stream of information that is capable of being edited for constructing an edited presentation on the first interface on the display, wherein the process information presents an edit output.

3. (Original) The method of claim 2, wherein the capturing is by an interrupt procedure.

Art Unit: 2179

4. (Original) The method of claim 3, wherein the interrupt procedure iterates at the same rate or substantially the same rate as the transfer rate of the time based stream of information.

5. (Canceled)

6. (Original) The method of claim 1, wherein at least one of the enabled control elements is to perform side operations.

7. (Original) The method of claim 1, wherein at least one of the enabled control elements is an output control.

8. (Original) The method of claim 1, wherein the capture information includes a capture output presented at the same rate or substantially the same rate as the transfer rate for the time based stream of information.

9. (Currently Amended) The method of claim 1, further including presenting an ~~edit~~ edited output on the same portion of the display for presenting of capture information in the first interface.

10. (Original) The method of claim 1, wherein the presenting of capture information is automatic in response to the communicating with the information source.

11. (Currently Amended) A processing system for generating a presentation of a time based stream of information, the system comprising:

Art Unit: 2179

- A) a capture port for acquiring the time based stream of information;
- B) a display device; and
- C) a processor coupled to the capture port and to the display device, the processor configured to:
 - i) communicate with an information source having a time based stream of information through the capture port;
 - ii) present capture information from the time based stream of information on a portion of a first interface on the display device while the capture information is acquired from the information source in a capture mode, the capture mode to import the time based stream of information into the system, wherein the capture information is displayed at a first rate that is substantially the same as a transfer rate at which the time based stream of information arrives from the information source by an automatic interrupt procedure that includes copying the time based information that arrives from the information source to a proxy, wherein the interrupt procedure repeats at a second rate that is not less than the transfer rate of 30 frames per second at which the time based stream of information arrives from the information source; and

Art Unit: 2179

iii) present on the first interface on the display at least one enabled edit-control element, which ~~is to control~~ directly causes editing of the time based stream of information, the presenting of the at least one enabled edit control element being performed concurrently while presenting the capture information from the time based stream of information that is ~~currently~~ concurrently being imported into the system on the first interface ~~without being edited~~.

12. (Previously Presented) The system of claim 11, wherein the processor is further to capture the time based stream of information from the information source and present process information associated with the time based stream of information that is capable of being edited for constructing an edited presentation on the first interface on the display device, wherein the process information presents an edit output.

13. (Original) The system of claim 12, wherein the capturing is by the processor executing an interrupt procedure.

14. (Original) The system of claim 13, wherein the interrupt procedure iterates at the same rate or substantially the same rate as the transfer rate of the time based stream of information.

15. (Canceled)

Art Unit: 2179

16. (Original) The system of claim 11, wherein at least one of the enabled control elements is to perform side operations.

17. (Original) The system of claim 11, wherein the capture information includes a capture output presented the same rate or at substantially the same rate as the transfer rate for the time based stream of information.

18. (Currently Amended) The system of claim 11, wherein the processor is further to present an ~~edit~~ edited output ~~on the same portion of the display for presenting the capture information in~~ the first interface.

19. (Original) The system of claim 11, wherein the presenting of capture information is automatic in response to the communicating with the information source.

20. (Currently Amended) A processing system for collecting a time based stream of information to generate a presentation comprising:

- (i) means for communicating with an information source having a time based stream of information;
- (ii) means for presenting capture information from the time based stream of information on a portion of a first interface on the display device while the capture information is acquired from the information source in a capture mode, the capture mode to import the time based stream of information into

Art Unit: 2179

the system, wherein the capture information is displayed at a first rate that is substantially the same as a transfer rate at which the time based stream of information arrives from the information source by an automatic interrupt procedure that includes copying the time based information that arrives from the information source to a proxy, wherein the interrupt procedure repeats at a second rate that is not less than the transfer rate of 30 frames per second at which the time based stream of information arrives from the information source; and

- (iii) means for presenting on the first interface on the display at least one enabled edit- control element, which ~~is to directly causes control~~ editing of the time based stream of information, the presenting of the at least one enabled edit control element being performed concurrently while presenting the capture information from the time based stream of information that is ~~currently-concurrently~~ being imported into the system on the first interface ~~without being edited~~.

21. (Previously Presented) The system of claim 20, further including a means for capturing the time based stream of information from the information source and presenting process information associated with the time based stream of information that is capable of being edited for constructing an edited presentation on the first interface on the display, wherein the process information presents an edit output.

Art Unit: 2179

22. (Original) The system of claim 21, wherein the means for capturing is by executing an interrupt procedure.

23. (Previously Presented) The system of claim 22, wherein the interrupt procedure iterates at the same or substantially the same rate as the transfer rate of the time based stream of information from the information source.

24. (Canceled)

25. (Original) The system of claim 20, wherein at least one of the enabled control elements is to perform side operations.

26. (Currently Amended) The system of claim 20, further including a means for presenting an ~~edit~~ edited output ~~on the same portion of the display for presenting the capture information in~~ the first interface.

27. (Previously Presented) The system of claim 20, wherein the presenting of capture information is automatic in response to the communicating with the information source.

28. (Currently Amended) A computer readable medium having stored therein a plurality of sequences of executable instructions, which, when executed by a processing system for collecting a time based stream of information and generating a presentation, cause the processing system to:

Art Unit: 2179

- A) communicate with an information source having a time based stream of information;
- B) provide capture information from the time based stream of information on a portion of a first interface on a display while the capture information is acquired from the information source in a capture mode, the capture mode to import the time based stream of information into the system, wherein the capture information is displayed at a first rate that is substantially the same as a transfer rate at which the time based stream of information arrives from the information source by an automatic interrupt procedure that includes copying the time based information that arrives from the information source to a proxy, wherein the interrupt procedure repeats at a second rate that is not less than the transfer rate of 30 frames per second at which the time based stream of information arrives from the information source; and
- D) provide on the first interface on the display at least one enabled edit-control element, which is to control directly causes editing of the time based stream of information, the presenting of the at least one enabled edit control element being performed concurrently while presenting the capture information from the time based stream of information that is currently concurrently being imported into the system on the first interface ~~without being edited~~.

Art Unit: 2179

29. (Previously Presented) The computer readable medium of claim 28, further including additional sequences of executable instructions, which, when executed by the processing system, cause the processing system to capture the time based stream of information from the information source and to present process information associated with the time based stream of information that is capable of being edited for constructing an edited presentation on the first interface on the display, wherein the process information presents an edit output.

30. (Original) The computer readable medium of claim 28, wherein the capturing is by an interrupt procedure.

31. (Original) The computer readable medium of claim 30, wherein the interrupt procedure iterates at the same or substantially the same rate as the transfer rate of the time based stream of information.

32. (Canceled)

33. (Original) The computer readable medium of claim 28, wherein the at least one of the enabled control elements is to perform side operations.

34. (Original) The computer readable medium of claim 28, wherein the capture information includes a capture output provided at the same rate or substantially the same rate as the transfer rate for the time based stream of information.

Art Unit: 2179

35. (Currently Amended) The computer readable medium of claim 28, further including additional sequences of executable instructions, which, when executed by the processing system, cause the processing system to provide an edit-edited output ~~on the same portion of the display for presenting the capture information in the first interface.~~

36. (Original) The computer readable medium of claim 28, wherein the presenting of capture information is automatic in response to the communicating with the information source.

37. (Currently Amended) A method for collecting a time based stream of information in a processing system for generating a presentation, the method comprising:

A) detecting a coupling with an information source having a time based stream of information in communication with the processing system, ~~and~~

B) automatically presenting capture information from the time based stream of information on a display in response to the detecting while the capture information is acquired from the information source in a capture mode, the capture mode to import the time based stream of information into the system, wherein the capture information is displayed at a first rate that is substantially the same as ~~the~~ a transfer rate at which the time based stream of information arrives from the information source ~~using~~ by an automatic interrupt procedure that includes copying the time based information that arrives from the information source to a proxy, wherein the interrupt procedure iterates-repeats at a second rate that is not less than the transfer rate 30 frames per second at

Art Unit: 2179

which the time based stream of information arrives from the information source; and

C) presenting on a first interface on the display at least one enabled edit-control element, which directly causes editing of the time based stream of information, the presenting of the at least one enabled edit control element being performed concurrently while presenting the capture information from the time based stream of information that is concurrently being imported into the system on the first interface.

38. (Original) The method of claim 37, further including automatically checking for the information source in communication with the processing system.

39. (Previously Presented) The method of claim 37, wherein the detecting is by receiving a signal from the information source through a capture port on the processing system, and wherein the automatically presenting comprises opening a window on the display.

40. (Original) The method of claim 37, further including capturing the time based stream of information from the information source.

41. (Canceled)

42. (Currently Amended) A processing system for generating a presentation of a time based stream of information, the system comprising:

Art Unit: 2179

- A) a capture port for acquiring the time based stream of information;
- B) a display device; and
- C) a processor coupled to the capture port and to the display device, the processor configured to:
 - i) detect a coupling with an information source having a time based stream of information in communication with the processing system, ~~and~~
 - ii) automatically present capture information from the time based stream of information on a display in response to the detecting while the capture information is acquired from the information source in a capture mode, the capture mode to import the time based stream of information into the system, wherein the capture information is displayed at a first rate that is substantially the same as ~~the a~~ transfer rate at which the time based stream of information arrives from the information source ~~using~~ by an automatic interrupt procedure that includes copying the time based information that arrives from the information source to a proxy, wherein the interrupt procedure repeats ~~iterates~~ at a second rate that is not less than the transfer

rate of 30 frames per second at which the time based stream of information arrives from the information source; and

iii) present on a first interface on the display at least one enabled edit control element, which directly causes editing of the time based stream of information, the presenting of the at least one enabled edit control element being performed concurrently while presenting the capture information from the time based stream of information that is concurrently being imported into the system on the first interface.

43. (Previously Presented) The system of claim 42, wherein the processor is further to automatically check for the information source in communication with the processing system.

44. (Previously Presented) The system of claim 42, wherein the detecting is by receiving a signal from the information source through a capture port on the processing system, and wherein the automatically presenting comprises opening a window on the display device.

45. (Previously Presented) The system of claim 42, wherein the processor is further to capture the time based stream of information from the information source.

46. (Canceled)

Art Unit: 2179

47. (Currently Amended) A processing system for collecting a time based stream of information to generate a presentation comprising:

A) means for detecting a coupling with an information source having a time based stream of information in communication with the processing system, and

B) means for automatically presenting capture information from the time based stream of information on a display in response to detecting while the capture information is acquired from the information source in a capture mode, the capture mode to import the time based stream of information into the system, wherein the capture information is displayed at a first rate that is substantially the same as ~~the~~a transfer rate at which the time based stream of information arrives from the information source ~~using~~ by an automatic interrupt procedure that includes copying the time based information that arrives from the information source to a proxy, wherein the interrupt procedure repeats ~~iterates~~ at a second rate that is not less than the transfer rate of 30 frames per second at which the time based stream of information arrives from the information source; and

(iii) means for presenting on the first interface on the display at least one enabled edit-control element, which directly causes editing of the time based stream of information, the presenting of the at least one enabled edit control element being performed concurrently while presenting the capture information from

Art Unit: 2179

the time based stream of information that is concurrently being imported into the system on the first interface.

48. (Original) The system of claim 47, further including a means for automatically checking for the information source in communication with the processing system.

49. (Previously Presented) The system of claim 47, wherein the detecting is by receiving a signal from the information source through a capture port on the processing system, and wherein the means for automatically presenting comprises a means for opening a window on the display.

50. (Original) The system of claim 47, further including a means for capturing the time based stream of information from the information source.

51. (Canceled)

52. (Currently Amended) A computer readable medium having stored therein a plurality of sequences of executable instructions, which, when executed by a processing system for collecting a time based stream of information and generating a presentation, cause the processing system to:

A) detect a coupling with an information source having a time based stream of information in communication with the processing system, ~~and~~

Art Unit: 2179

B) automatically present capture information from the time based stream of information on a display in response to the detecting while the capture information is acquired from the information source in a capture mode, the capture mode to import the time based stream of information into the system, wherein the capture information is displayed at a first rate that is substantially the same as ~~the~~ a transfer rate at which the time based stream of information arrives from the information source ~~using~~ by an automatic interrupt procedure that includes copying the time based information that arrives from the information source to a proxy, wherein the interrupt procedure repeats ~~iterates~~ at a second rate that is not less than the transfer rate of 30 frames per second at which the time based stream of information arrives from the information source; and

C) provide on a first interface on the display at least one enabled edit control element, which directly causes editing of the time based stream of information, the presenting of the at least one enabled edit control element being performed concurrently while presenting the capture information from the time based stream of information that is concurrently being imported into the system on the first interface.

53. (Previously Presented) The computer readable medium of claim 52, further including additional sequences of executable instructions, which, when executed by the processing system, cause the processing system to automatically check for the information source in communication with the processing system.

Art Unit: 2179

54. (Previously Presented) The computer readable medium of claim 52, wherein the detecting is by receiving a signal from the information source through a capture port on the processing system, and wherein the automatically presenting comprises opening a window on the display.

55. (Previously Presented) The computer readable medium of claim 52, further including additional sequences of executable instructions, which, when executed by the processing system, cause the processing system to capture the time based stream of information from the information source.

56. (Canceled)

57. (Currently Amended) A method for generating a presentation of a time based stream of information in a processing system, the method comprising:

- A) capturing the time based stream of information from an information source into the processing system during a capture mode;
- B) presenting a capture output on a viewing portion of a display during the capture mode, wherein the presenting of the capture output is performed at a first rate that is substantially the same as ~~the~~a transfer rate at which the time based stream of information arrives from the information source ~~using~~by an automatic interrupt procedure that includes copying the time based information that arrives from the information source to a proxy, wherein the interrupt procedure repeats ~~iterates~~ at a second rate that is not less than the transfer rate 30 frames per second of the time

Art Unit: 2179

based stream of information; ~~and~~

C) presenting an edit output on the viewing portion of the display during an edit mode; and

D) presenting on a first interface on the display at least one enabled edit-control element, which directly causes editing of the time based stream of information, the presenting of the at least one enabled edit control element being performed concurrently while presenting the capture information from the time based stream of information that is concurrently being imported into the system on the first interface.

58. (Canceled)

59. (Original) The method of claim 57, further including providing at least one enabled control element during the capture mode and edit mode.

60. (Original) The method of claim 59, wherein at least one of the enabled control element includes a control element perform side operations.

61. (Currently Amended) A processing system for generating a presentation of a time based stream of information, the system comprising:

A) a capture port for acquiring the time based stream of information;

Art Unit: 2179

B) a display device; and

C) a processor coupled to the capture port and coupled to the display device,
the processor configured to:

i) capture the time based stream of information from an
information source into the processing system during a capture
mode;

ii) present a capture output on a viewing portion of a display
during the capture mode, wherein the presenting of the capture
output is performed at a first rate that is substantially the same as
~~the~~ a transfer rate at which the time based stream of information
arrives from the information source ~~using by~~ an automatic interrupt
procedure that includes copying the time based information that
arrives from the information source to a proxy, wherein the
interrupt procedure repeats ~~iterates~~ at a second rate that is not less
than the transfer rate 30 frames per second of the time based
stream of information; ~~and~~

iii) present an edit output on the viewing portion of the display
during an edit mode; and

Art Unit: 2179

iiii) present on a first interface on the display at least one enabled edit-control element, which directly causes editing of the time based stream of information, the presenting of the at least one enabled edit control element being performed concurrently while presenting the capture information from the time based stream of information that is concurrently being imported into the system on the first interface.

62. (Canceled)

63. (Original) The system of claim 61, wherein the processor is further to provide at least one enabled control element during the capture mode and edit mode.

64. (Original) The system of claim 63, wherein at least one of the enabled control element is to perform side operations.

65. (Currently Amended) A processing system for collecting a time based stream of information to generate a presentation comprising:

- A) means for capturing the time based stream of information from an information source into the processing system during a capture mode;
- B) means for presenting a capture output on a viewing portion of a display during the capture mode, wherein the means for presenting the capture

Art Unit: 2179

output is for presenting at a first rate that is substantially the same as ~~the~~ a transfer rate at which the time based stream of information arrives from the information source by ~~using~~ an automatic interrupt procedure that includes copying the time based information that arrives from the information source to a proxy, wherein the interrupt procedure repeats ~~iterates~~ at a second rate that is not less than the transfer rate 30 frames per second of the time based stream of information; ~~and~~

C) means for presenting an edit output on the viewing portion of the display during an edit mode; and

D) means for presenting on a first interface on the display at least one enabled edit control element, which directly causes editing of the time based stream of information, wherein the presenting of the at least one enabled edit control element being performed concurrently while presenting the capture information from the time based stream of information that is concurrently being imported into the system on the first interface.

66. (Canceled)

67. (Original) The system of claim 65, further including a means for providing at least one enabled control element during the capture mode and edit mode.

Art Unit: 2179

68. (Original) The system of claim 67, wherein at least one of the enabled control element is to perform side operations.

69. (Currently Amended) A computer readable medium having stored therein a plurality of sequences of executable instructions, which, when executed by a processing system for collecting a time based stream of information and generating a presentation, cause the processing system to:

A) capture the time based stream of information from an information source into the processing system during a capture mode;

B) present a capture output on a viewing portion of a display during the capture mode, wherein the presenting of the capture output is performed at a first rate that is substantially the same as ~~the~~ a transfer rate at which the time based stream of information arrives from the information source by ~~using~~ an automatic interrupt procedure that includes copying the time based information that arrives from the information source to a proxy, wherein the interrupt procedure repeats ~~iterates~~ at a second rate that is not less than the transfer rate 30 frames per second of the time based stream of information; ~~and~~

C) present an edit output on the viewing portion of the display during an edit mode; and

Art Unit: 2179

D) present on a first interface on the display at least one enabled edit control element, which directly causes editing of the time based stream of information, the presenting of the at least one enabled edit control element being performed concurrently while presenting the capture information from the time based stream of information that is concurrently being imported into the system on the first interface.

70. (Canceled)

71. (Previously Presented) The computer readable medium of claim 69, further including additional sequences of executable instructions, which, when executed by the processing system, cause the processing system to provide at least one enabled control element during the capture mode and edit mode.

72. (Original) The computer readable medium of claim 71, wherein at least one of the enabled control element is to perform side operations.

73. (Currently Amended) A method of collecting a time based stream of information from an editing window in a processing system, the method comprising:

A) detecting the coupling of an information source to the processing system;

B) automatically engaging a capture mode to import the time based stream of information into the system in response to the detecting; and

Art Unit: 2179

C) presenting a captured time based stream of information in the editing window that includes at least one enabled edit control element, which ~~is capable to directly~~ causes edit editing the time based stream of information, the presenting of the at least one enable control element being performed concurrently while presenting the capture information from the time based stream of information that is ~~currently concurrently~~ being acquired from the information source ~~without being edited~~ in the capture mode in the editing window; wherein the capture information is displayed at a first rate that is substantially the same as a transfer rate at which the time based stream of information arrives from the information source by an automatic interrupt procedure that includes copying the time based information that arrives from the information source to a proxy, wherein the interrupt procedure repeats at a second rate that is not less than the transfer rate 30 frames per second at which the time based stream of information arrives from the information source.

74. (Canceled)

75. (Original) The method of claim 73, wherein the editing window includes a toggle control element to switch between capture and edit mode within the editing window.

76. (Currently Amended) A processing system for collecting a time based stream of information from an editing window, the system comprising:

A) a capture port for acquiring the time based stream of information;

Art Unit: 2179

B) a display device; and

C) a processor coupled to the capture port and coupled to the display device, the processor configured to:

i) detect the coupling of an information source to the processing system,

ii) automatically engage a capture mode to import the time based stream of information into the system in response to the detecting, and

iii) present ~~an unedited~~ a captured time based stream of information in the editing window that includes at least one enabled edit control element, which ~~is capable to directly~~ causes edit editing the time based stream of information, the at least one enabled edit control element being presented concurrently while presenting the ~~unedited~~ capture information from the time based stream of information that is ~~currently~~ concurrently being acquired from the information source in the capture mode in the editing window, wherein the capture information is displayed at a first rate that is substantially the same as a transfer rate at which the time based stream of information arrives from the information source by an

Art Unit: 2179

automatic interrupt procedure that includes copying the time based information that arrives from the information source to a proxy, wherein the interrupt procedure repeats at a second rate that is not less than the transfer rate of 30 frames per second at which the time based stream of information arrives from the information source.

77. (Canceled)

78. (Original) The system of claim 76, wherein the editing window includes a toggle control element to switch between capture and edit mode within the editing window.

79. (Currently Amended) A processing system for collecting a time based stream of information from an editing window comprising:

A) a means for detecting the coupling of an information source to the processing system;

B) a means for automatically engaging a capture mode to import the time based stream of information into the system in response to the detecting; and

C) a means for presenting ~~an unedited~~ a captured time based stream of information in the editing window that includes at least one enabled edit control element, which is ~~capable to~~ directly causes edit editing the time based stream of

Art Unit: 2179

information, the presenting of the at least one enabled edit control element being performed concurrently while presenting the ~~unedited~~ capture information from the time based stream of information that is ~~currently~~ concurrently being acquired from the information source in the capture mode in the editing window, wherein the capture information is displayed at a first rate that is substantially the same as a transfer rate at which the time based stream of information arrives from the information source by an automatic interrupt procedure that includes copying the time based information that arrives from the information source to a proxy, wherein the interrupt procedure repeats at a second rate that is not less than the transfer rate of 30 frames per second at which the time based stream of information arrives from the information source.

80. (Canceled)

81. (Original) The system of claim 79, wherein the editing window includes a toggle control element to switch between capture and edit mode within the editing window.

82. (Currently Amended) A computer readable medium having stored therein a plurality of sequences of executable instructions, which, when executed by a processing system for collecting a time based stream of information and generating a presentation, cause the processing system to:

A) detect the coupling of an information source to the processing system;

Art Unit: 2179

- B) automatically engage a capture mode to import the time based stream of information into the system in response to the detecting; and
- C) present ~~an unedited~~ a captured time based stream of information in the editing window that includes at least one enabled edit control element, which ~~is~~ able to directly causes edit editing the time based stream of information, the presenting of the at least one enabled edit control element being performed concurrently while presenting the ~~unedited~~ capture information from the time based stream of information that is ~~currently~~ concurrently being acquired from the information source in the capture mode in the editing window, wherein the capture information is displayed at a first rate that is substantially the same as a transfer rate at which the time based stream of information arrives from the information source by an automatic interrupt procedure that includes copying the time based information that arrives from the information source to a proxy, wherein the interrupt procedure repeats at a second rate that is not less than the transfer rate of 30 frames per second at which the time based stream of information arrives from the information source.

83. (Previously Presented) The computer readable medium of claim 82, wherein the automatically engage is in response to the detect.

84. (Original) The computer readable medium of claim 82, wherein the editing window includes a toggle control element to switch between capture and edit mode within the editing window.

Art Unit: 2179

85. (Currently Amended) A method for collecting a time based stream of information in a processing system for generating a presentation, the method comprising:

- A) communicating with an information source having a time based stream of information;
- B) presenting ~~an unedited~~ a capture information from the time based stream of information on a portion of a display while the ~~unedited~~ capture information is acquired from the information source in a capture mode, the capture mode to import the time based stream of information into the system, wherein the capture information is displayed at a first rate that is substantially the same as a transfer rate at which the time based stream of information arrives from the information source by an automatic interrupt procedure that includes copying the time based information that arrives from the information source to a proxy, wherein the interrupt procedure repeats at a second rate that is not less than the transfer rate of 30 frames per second at which the time based stream of information arrives from the information source;
- C) presenting a process information associated with the time based information that is to be edited for constructing the presentation on the display; and
- D) presenting at least one enabled edit-control element on the display to control that directly causes editing of the information, the presenting of the at least one enabled edit control element being performed concurrently while the time based stream of

Art Unit: 2179

information is imported into the system and displayed as the ~~unedited~~ capture information, wherein the ~~unedited~~ capture information, the process information, and the at least one enabled edit control element are displayed concurrently in a single interface window.

86. (New) The method of claim 1, further comprising:

receiving an input on the at least one enabled edit control element to perform the editing of the time based stream of information, wherein the receiving of the input is performed concurrently while presenting the capture information from the time based stream of information that is being concurrently imported into the system on the first interface.

87. (New) The system of claim 11, wherein the processor is further configured to receive an input on the at least one enabled edit control element to perform the editing of the time based stream of information, wherein the receiving of the input is performed concurrently while presenting the capture information from the time based stream of information that is being concurrently imported into the system on the first interface.

88. (New) The system of claim 20, further comprising:

means for receiving an input on the at least one enabled edit control element to perform the editing of the time based stream of information, wherein the receiving of the input is performed concurrently while presenting the capture information from the time based stream of information that is being concurrently imported into the system on the first interface.

89. (New) The computer readable medium of claim 29, further comprising instructions that cause the processing system to receive an input on the at least one enabled edit control element to perform the editing of the time based stream of information, wherein the receiving of the input is performed concurrently while presenting the capture information from the time based stream of information that is being concurrently imported into the system on the first interface.

Allowable Subject Matter

3. Bijnagte (U.S. Patent No. 5,146,548) discloses that during capture from photographs, the user can change the crop, framing and composition of the image either manually (by physically moving the photograph laterally on the copy stand with respect to the video camera lens, zooming the camera lens in and out and/or raising or lowering the camera on the copy stand); or electronically by repositioning and/or changing the size of the crop window under software control. In the preferred embodiment, only the portion of the "live image" within the crop window is digitized, the image portions outside of this window being ignored. For videotaped images, the user must adjust the size and/or position of the crop window electronically in order to change the composition and framing of the image. It means all image operations such as sizing, cropping, enhancing, etc. are performed when/during the images are captured or under capturing mode (e.g., Abstract and col. 10 lines 49-63). However, Bijnagte does not disclose "presenting capture information from the time based stream of information on a portion of a first interface on a display while the capture information is acquired from the information source in a capture mode, the capture mode to import the time based stream of information into the system,

Art Unit: 2179

wherein the capture information is displayed at a first rate that is substantially the same as a transfer rate at which the time based stream of information arrives from the information source by an automatic interrupt procedure that includes copying the time based information that arrives from the information source to a proxy, wherein the interrupt procedure repeats at a second rate that is not less than the transfer rate 30 frames per second at which the time based stream of information arrives from the information source.”

4. Claims 1-4, 6-14, 16-23, 25-31, 33-40, 42-45, 47-50, 52-55, 57, 59-61, 63-65, 67-69, 71-73, 75-76, 78-79, and 81-89 are allowed.

5. The following is an examiner’s statement of reasons for allowance in combination with other claim limitations:

Independent claims 1, 11, 20, 28, 37, 42, 47, 52, 57, 61, 65, 69, 73, 76, 79, 82, and 85, when considered as a whole, are allowable over the Prior Art of record. Specifically, the Prior Art of record fails to teach or suggest that the data processing system for generating the time based stream of information and editing window, the system comprising the capture port for acquiring the time based stream of information, the display device and the processor coupled to the capture port and to the display device, and the processor configured to communicate with the information source having the time based stream of information through the capture port, to present capture information from the time based stream of information on the portion of the first interface on the display device while the capture information is acquired from the information source in

Art Unit: 2179

the capture mode, the capture mode to import the time based stream of information into the system, wherein the capture information is displayed at the first rate that is substantially the same as the transfer rate at which the time based stream of information arrives from the information source by the automatic interrupt procedure that includes copying the time based information that arrives from the information source to the proxy, wherein the interrupt procedure repeats at the second rate that is not less than the transfer rate of 30 frames per second at which the time based stream of information arrives from the information source, and present on the first interface on the display at least one enabled edit-control element, which directly causes editing of the time based stream of information, and the presenting of the at least one enabled edit control element being performed concurrently while presenting the capture information from the time based stream of information that is concurrently being imported into the system on the first interface.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to TRUC T. CHUONG whose telephone number is (571)272-4134. The examiner can normally be reached on M-Th and alternate Fridays 8:30 AM - 5:00 PM.

Art Unit: 2179

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Weilun Lo can be reached on (571) 272-4847. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Truc T. Chuong

09/12/08

/Weilun Lo/
Supervisory Patent Examiner, Art Unit 2179